

CSWC Operational Period Summary

0600 February 04 2015 to 1800 February 04 2015



El Matador State Beach, January 2015.
Photo Credit: Matt McKown / LA Times

Note: [Report changes/updates are in blue](#)



SITUATION SUMMARY

Weather of Concern

- An Atmospheric River (AR) system will be making its way across the California Coast and over portions of Northern California starting tomorrow and lasting through Monday. The AR should bring several waves of precipitation to the area.
- The precipitation is forecast to begin early tomorrow morning across the entire region. The 12-hour period from 0400 to 1600 hours Friday is when the rainfall is expected to be the heaviest. Then there will be a lull in the rainfall amounts Friday night into Saturday morning, as the precipitation will be in the form of showers. The next weather system moves in Saturday afternoon and evening generating another round of light to moderate rain. There will be a second lull with the rain in the form of showers from late Saturday night into Sunday morning as the region is again between systems. The next weather system moves in Sunday afternoon into Sunday evening. Then rain showers again on Monday. The rain showers are expected to end Monday night.
- Impacts include:
 - Localized urban and small stream flooding with Main Stem River flooding possible.
 - Winter road conditions expected Thursday and Friday above 5500 feet.
 - Occasional power outages over higher terrain due to strong southerly winds.
 - Potential for debris flows near wildfire burn scars.
- The California Nevada River Forecast Center (CNRFC) is projecting that the following will exceed flood stage on 02/07/15:
 - Eel River at Fernbridge
 - Navarro River at Navarro
 - Sacramento River at Tehama Bridge and Vina Woodson
 - Projected flood stage heights currently do not pose a significant threat to homes.
- Numerous High Wind Watches, Flood Watches, and Flash Flood Watches are in place across portions of Northern California.

Active Weather Warnings, Watches and Advisories by County: http://www.wrh.noaa.gov/sto/brief/wwa_bc_cal.php

SITUATION SUMMARY

Inland Region Winter Storm Preparedness – 2015 Statewide February Winter Storms

- The Cal OES Inland Region Management and the Cal OES Inland Region Duty Officer (IDO) conducted a conference call this afternoon with the National Weather Service Weather Forecasting Offices (WFOs) and the Operational Areas (OAs) in preparation for the upcoming storms.

Coastal Region Winter Storm Preparedness – 2015 Statewide February Winter Storms

- The Cal OES Coastal Region Management and the Cal OES Coastal Duty Officer (CDO) conducted a conference call on 02/03/15 with the Department of Water Resources (DWR), Flood Operations Center (FOC) and three NWS Offices (Monterey, Sacramento, and Eureka).
- Per the NWS, Mendocino is likely to be hardest hit, with impacts also possibly affecting Humboldt, Lake, Sonoma, and Marin Counties.
- The Coastal Region conducted conference calls with the NWS, Operational Areas (OAs) and state agencies at 1100 and 1600 hours today, 02/04/15, in order to gather situational awareness, anticipated needs, and possible activations.

Cal EOC Incident – 2014 Drought

- SOC / Inland REOC remains activated in support of 2014 Drought
- Plumas County Drought BoS Minutes received
- Tulare County Drought Reaffirmation received

Key Points

02/05 – 02/11

Thursday

- Rainfall over northwest CA with heavy rainfall in particular Thursday night. Urban and small stream flooding possible.
- Strong winds over northeast CA.

Friday

- Heavy rainfall over NW CA, Bay Area, and Central CA. Flash flooding/debris flows near recent burn areas, urban and small stream flooding likely. Minor flooding possible on main stem rivers as early as Friday.
- Strong winds over northeast CA and east of Sierra Crest.

Saturday

- Heavy rainfall over much of central and northern CA. Minor flooding forecasted along several main stem river possible in NW CA and in the Sacramento River basin.

Sunday

- Heavy rainfall continues. Urban and small stream flood risk continues.

Tuesday - Wednesday

- Slight threat for a Santa Ana wind event over S. CA.



California OES Impact Threat Matrix

Feb 05, 2015 – Feb 11, 2015

DAY/THREAT	THU	FRI	SAT	SUN	MON	TUE	WED
Fire Weather						Santa Ana	Santa Ana
Winds	N CA, Shasta, E of Sierra Crest	NE CA, East of Sierra Crest					
Heavy Rain/ Flash Flooding	NW CA	Central and Northern CA	Central and Northern CA	Central and Northern CA			
River Flooding		Central, NW CA	Central, NW CA				

-  High Threat
-  Moderate Threat
-  Slight Threat
-  No Discernible Threat





Day 1 Weather Hazards

Valid: 0800 Thu – 0800 Fri



- **Rainfall spreads over northwest and northern CA**
 - Heaviest rainfall Thursday night in northern CA
 - Flash flood watch begins Thursday evening for portions of N. CA
 - Potential for rapid rises in streams, creeks, and flooding in poorly drained areas
- **Strong winds over northern CA, Shasta Valley, valley and coastal mts of NW CA, and east of Sierra Crest**
 - Winds gradually increasing Thursday into Thursday night
 - Cross winds likely along North-South highways

- | | |
|--|-----------------|
| | High Threat |
| | Moderate Threat |
| | Slight Threat |

Day 2 Weather Hazards

Valid: 0800 Fri – 0800 Sat

Minor river flood possible starting on Friday



- **Rainfall over much of central and northern CA**
 - Potential for rapid rises in streams and creeks
 - Urban flooding in poorly drained areas
 - Debris flows possible near recent burn scars
- **High winds over NE CA, Shasta Valley, and east of Sierra Crest**
 - Cross winds likely along highways 395, 95, and 97
 - Some wind damage is also possible

	High Threat
	Moderate Threat
	Slight Threat

Days 1-3 Precipitation Forecast

Day 1

Day 2

Day 3



WEATHER

WEATHER SYNOPSIS BY REGION:

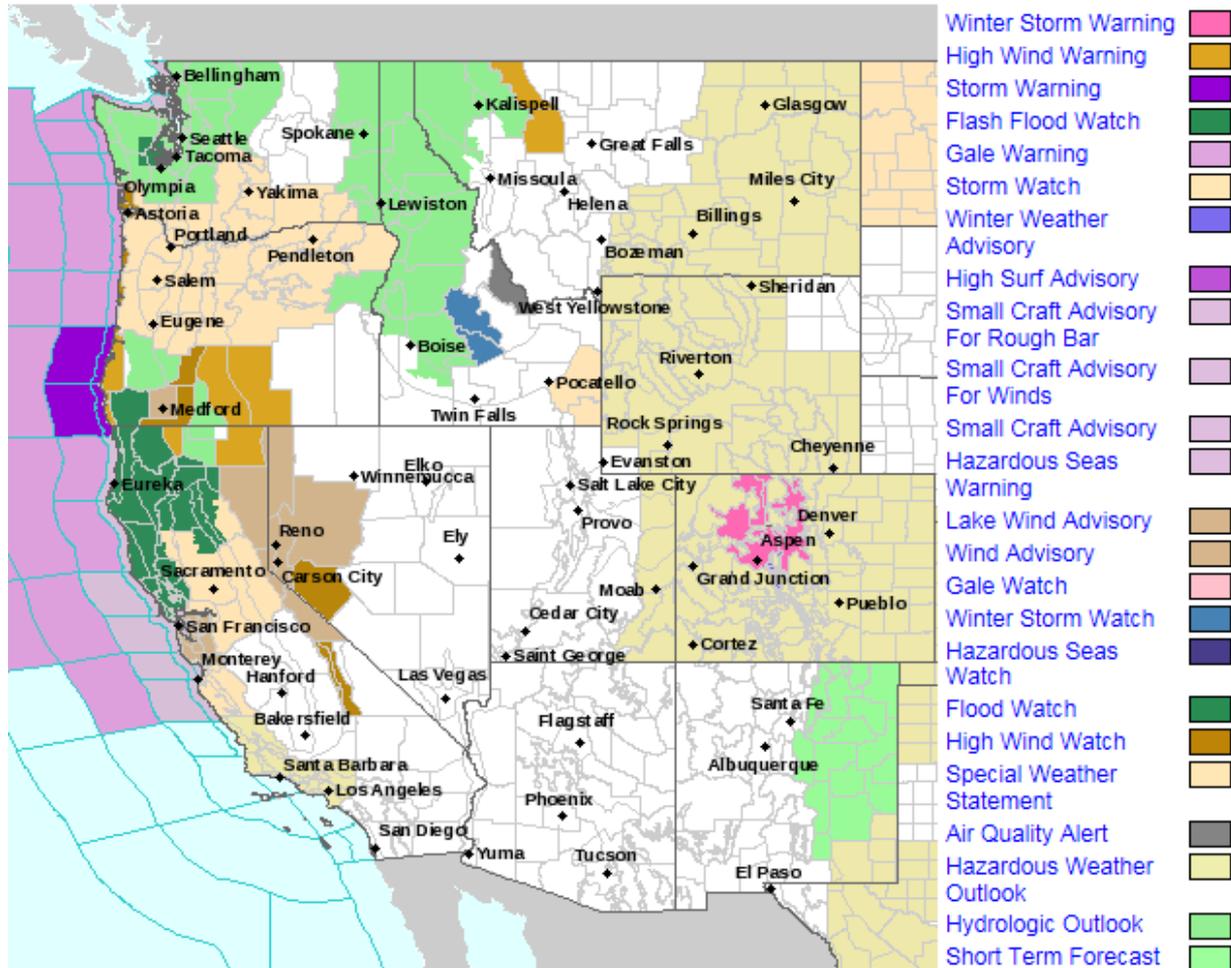
NORTHERN CALIFORNIA

The persistent Eastern Pacific high pressure ridge has kept the region extremely dry over the past month will finally be giving way and allowing a series of powerful Pacific storm systems to move onshore across Northern California over the next 5 days. One more dry, relatively mild day today will give way to increasing clouds and winds tonight with the first wave of precipitation moving onshore by Thursday morning, slowly overspreading the region into Thursday night and Friday. A second, stronger system moves in late Friday into Saturday with not only heavy precipitation but very strong southerly winds of 30-60 mph and many exposed areas on upper slopes seeing gusts of near hurricane strength (75 mph). Several more systems push thru Sunday and Monday with more precipitation and wind, before high pressure finally builds in with sustained clearing by Tuesday into the rest of next week. Precipitation amounts over the next 5 days will be very heavy, due to the subtropical origins of the moisture, in a typical "Pineapple Express" pattern. Generally, 5 to 10 inches rainfall is expected across most areas from the Sierra and Cascade crest westward, with 1-4 inches of rain across eastern areas. Snow levels will be quite high (7000-8000 ft) during most of the precipitation, briefly lowering to 5000-6000 ft during the coldest parts of the storm Saturday and again briefly Monday. Winds will begin increasing tonight and Thursday to 20-40 mph in many areas, increasing to 30-50 mph Friday and go to 40-60 mph late Friday into Saturday. These winds, combined with rapidly saturating soils could produce extensive areas of downed trees and power-lines. Continued quite windy with additional storms Sunday into Monday.

SOUTHERN CALIFORNIA

There will be little change in the weather today as high pressure remains over the state. Maximum temperatures will be 10 to 15 degrees above normal, with upper 50s and 60s in the mountains and 70s to low 80s in the valleys. Minimum humidity will be between 12% and 25% away from the Central Valley and coastal areas. Winds will be southwest to northwest 5 to 15 mph. Temperatures will slowly cool Thursday through this weekend as high pressure moves eastward and zonal flow takes its place. The zonal flow will bring abundant moisture into Central California with periods of rain Friday night through this weekend. Most locations over Central California will receive between 1 and 3 inches of rainfall, while little or no rainfall is expected across Southern California. South to west winds of 20 to 30 mph with gusts to 50 mph will surface across the Central Coast Mountains and the Sierra at times Thursday afternoon through this weekend. The zonal flow will move eastward Monday as a weak Pacific trough moves inland across the West Coast ending the heavy rainfall across Central California. However, scattered showers with light rainfall totals will continue across Central California through Monday afternoon. The trough will cool temperatures to near normal across the region early next week.

STATE WEATHER MAP



Last map update: Feb, 4th 2015 at 5:53:05 pm MST

FIRE ACTIVITY



Preparedness Levels

National Preparedness Level 1

Northern California

Preparedness Level 1, Multi-Agency Coordination System MACS Mode 1

Southern California

Preparedness Level 2, Multi-Agency Coordination System MACS Mode 2

California Fire Potential & Weather Maps

Southern California 7 Day Significant Fire Potential

<http://psgeodata.fs.fed.us/7day/action/forecast/8>

Northern California 7 Day Significant Fire Potential

<http://psgeodata.fs.fed.us/7day/action/forecast/10>

California Fire Weather Map Watches and Warnings

<http://www.wrh.noaa.gov/firewx/main.php>

NWS California River Forecast Center:

<http://www.cnrfc.noaa.gov/>

RECOVERY ACTIVITIES

Magnitude 6.0 Earthquake, American Canyon, Napa County

- Cal OES and FEMA announced that the Major Disaster declaration for the South Napa earthquake will also include the Individuals and Households Program under the Stafford Act. This amendment makes assistance available to help homeowners and renters recover from the earthquake.
- As a result of President Obama's major disaster declaration, the U.S. Small Business Administration declared Napa and Solano counties, making residents and business owners eligible to apply for low-interest physical loss disaster loans. This declaration also made available low-interest Economic Injury Disaster Loans (EIDL) for businesses to apply in the primary counties of Napa and Solano, as well as the contiguous counties of Contra Costa, Lake, Sacramento, Sonoma, and Yolo.

Recovery Activities

Public Assistance

- RPA: 63 RPAs were received by Cal OES of which 5 withdrew resulting in 58 applications submitted to FEMA. There have been 10 withdrawals and one ineligible determination since, for a total of 47 FEMA approved open applications.
- Kickoff Meeting: There is 1 applicant remaining to be scheduled once through FEMA's review queue.
- Currently, 95 PWs are entered into the federal database system, 78 of which have been obligated.
- Exit Briefing: 19 applicants have had Exit briefings conducted.

Individual Assistance

- The FEMA and State VAL continue to work with nonprofit organizations in Napa and Solano Counties regarding Long Term Recovery efforts. The United Methodist Committee on Relief (UMCOR) is providing funds to hire initial case management staff for the Napa Earthquake Recovery Group (aka, eNERGy) and the Vallejo Earthquake Recovery Group (VERG). Both Long Term Recovery Groups are seeking funds from partner agencies to assist with unmet needs.
- Assistance Centers – The Local Assistance Center (LAC) in Napa transitioned to an SBA DLOC on Tuesday 12/30/14. The smaller operation maintains a presence by SBA staff. Hours of operation are 8 a.m. to 4:30 p.m., Monday through Friday.

RECOVERY ACTIVITIES

2014 Statewide December Winter Storms

- On 12/22/14, Governor Brown proclaimed a State of Emergency in Marin, Mendocino, San Mateo, and Ventura Counties to allow Caltrans to formally request immediate assistance through FHWA's ER Program in order to obtain federal assistance for highway repairs or reconstruction for damages sustained as a result of the statewide storms impacting California. After assessing the damages, Caltrans is requesting the Governor update his proclamation to include Alameda, Contra Costa, Del Norte, Humboldt, Lake, Los Angeles, Monterey, Orange, San Francisco, Santa Clara, Shasta, Sonoma, Tehama, and Yolo Counties. Cal OES' Recovery Section conducted an assessment to verify the Counties of Lake, Marin, San Mateo, Sonoma, and Tehama's Public Assistance estimates for debris removal, emergency work, and permanent restoration of public facilities in order to determine potential eligibility for State funding.

CAL OES 2014 DROUGHT

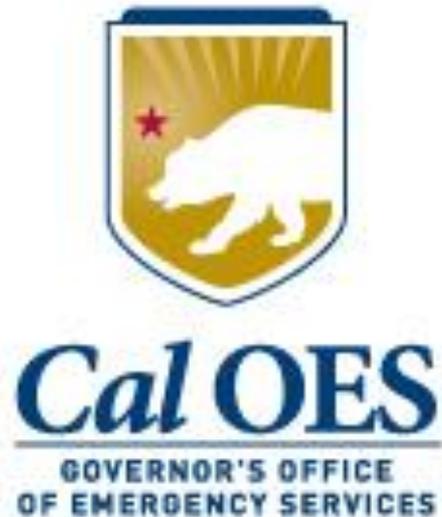
Cal EOC Incident – 2014 Drought

- The SOC, Inland, Coastal, and Southern REOCs and the Santa Barbara County EOC are activated in support of the Drought State of Emergency and continue to monitor the situation.
- The Governor issued an Executive Order on 09/19/14, to streamline relief efforts for families with drinking water shortages due to drought. Specifically, through the California Disaster Assistance Act, to provide temporary water supplies to households without water for drinking and/or sanitation purposes.
- CDAA 2014 Drought Fact Sheet and Frequently Asked Questions provided to Regions for reference and distribution.
- Cal OES Recovery continues to coordinate a biweekly state interagency conference call regarding drought community impacts.
- Regional (Inland, Coastal, Southern) conference calls will occur once a month beginning February 9, 2015.

CAL OES Missions

On-going Cal OES Missions

- **2015-LAW-8507, 1730 hours** - Sutter County Sheriffs Office (SO) requested Human Remains Detection (HRD) K9 to assist in locating human remains near the town of Robins. The Cal OES Law Duty Officer (LDO) contacted Sutter SO and is coordinating with the Cal OES Law K9 coordinator to fulfill the resource request. Mission On-going.



Mission:

We protect lives and property, build capabilities, and support our communities for a resilient California.

We achieve our mission by serving the public through effective collaboration in preparing for, protecting against, responding to, recovering from, and mitigating the impacts of all hazards and threats.